

Neuroglia

by Arya Akhavan (September 2012)

Angles for R.I. = 1.630

49 + 6 girdles = 55 facets

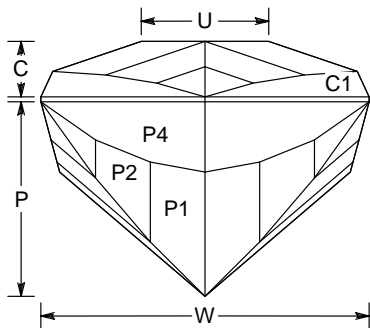
6-fold radial symmetry

96 index

$L/W = 1.155$ $T/W = 0.417$ $U/W = 0.388$

$P/W = 0.593$ $C/W = 0.169$

$Vol./W^3 = 0.332$



PAVILION

| | | | |
|----|--------|-------------------|------------------------------------|
| P1 | 43.03° | 10-22-42-54-74-86 | Cut to centrepoint. |
| G1 | 90.00° | 08-24-40-56-72-88 | Cut even girdle (not level girdle) |
| P2 | 46.32° | 12-20-44-52-76-84 | Float facet to approx. 2/3 inwards |
| P3 | 50.58° | 14-18-46-50-78-82 | Float facet to approx. 1/3 inwards |
| P4 | 75.00° | 08-24-40-56-72-88 | Meet G1, P3 (level girdle) |

CROWN

| | | | |
|----|--------|-------------------|------------------------------------|
| C1 | 65.00° | 08-24-40-56-72-88 | Set girdle width. |
| C2 | 25.76° | 02-30-34-62-66-94 | Meet G1, C1 |
| C3 | 22.56° | 04-28-36-60-68-92 | Float facet to approx. 1/3 inwards |
| C4 | 20.32° | 06-26-38-58-70-90 | Float facet to approx. 2/3 inwards |
| T | 0.00° | Table | Meet C3, C4 |

This was supposed to be a hexagonal "opposed bar". But, I just took my histology final, and when I rendered this in greyish amethyst, it looked like an astrocyte or oligodendrocyte. Hence, the name. Looks best in blue apatite (also works in greyish amethyst), but works from feldspar to CZ (RI = 1.52 - 2.16) with no changes.

Suggested size = 6-15 mm

C:\Program Files (x86)\GemCAD\Designs (Mine)\Neuroglia.gem